

Application No.: 10/735,123

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Docket No.: 188122000400

**REMARKS**

Claims 1-12 were originally presented. Claims 1-2 and 7-12 have been withdrawn to comply with the restriction requirement. New claims 13-49 have been added. Thus, claims 3-6 and 13-49 are pending in the application. Applicants expressly reserve the right to pursue the nonelected claims in one or more divisional patent applications.

Support for new claims 13-39 is provided in the specification at paragraphs [0076]-[0082], in Figures 6A-6B and 7, and in claims 3-6 as originally filed. For example, paragraphs [0076]-[0082] discuss current model of a gate circuit and load model of an interconnect network.

Support for new claims 40-49 is provided in the specification at paragraphs [0068]-[0073] and [0083]-[0116] and in Figure 2 and Figure 8. For instance, these portions of the describe a computational model of an interconnect circuit.

Also, the specification at paragraphs [0035]-[0039] provides support for gate circuit model and an introductory explanation of the problem of crosstalk delay in victim nets.

In addition, the specification at paragraphs [0040]-[0047] and Figures 2-3 provide a brief explanation of relationship among victim nets, drivers and aggressors.

Applicants respectfully submit that the claims as amended are fully supported by the specification as originally filed and that no new matter has been added through these claims.

Applicants have amended paragraphs [0047], [0057] and [0079] to correct certain minor obvious clerical mistakes.

Applicants respectfully request examination, allowance passage to issuance of the claims as amended.

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In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing Docket No. 188122000400. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

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